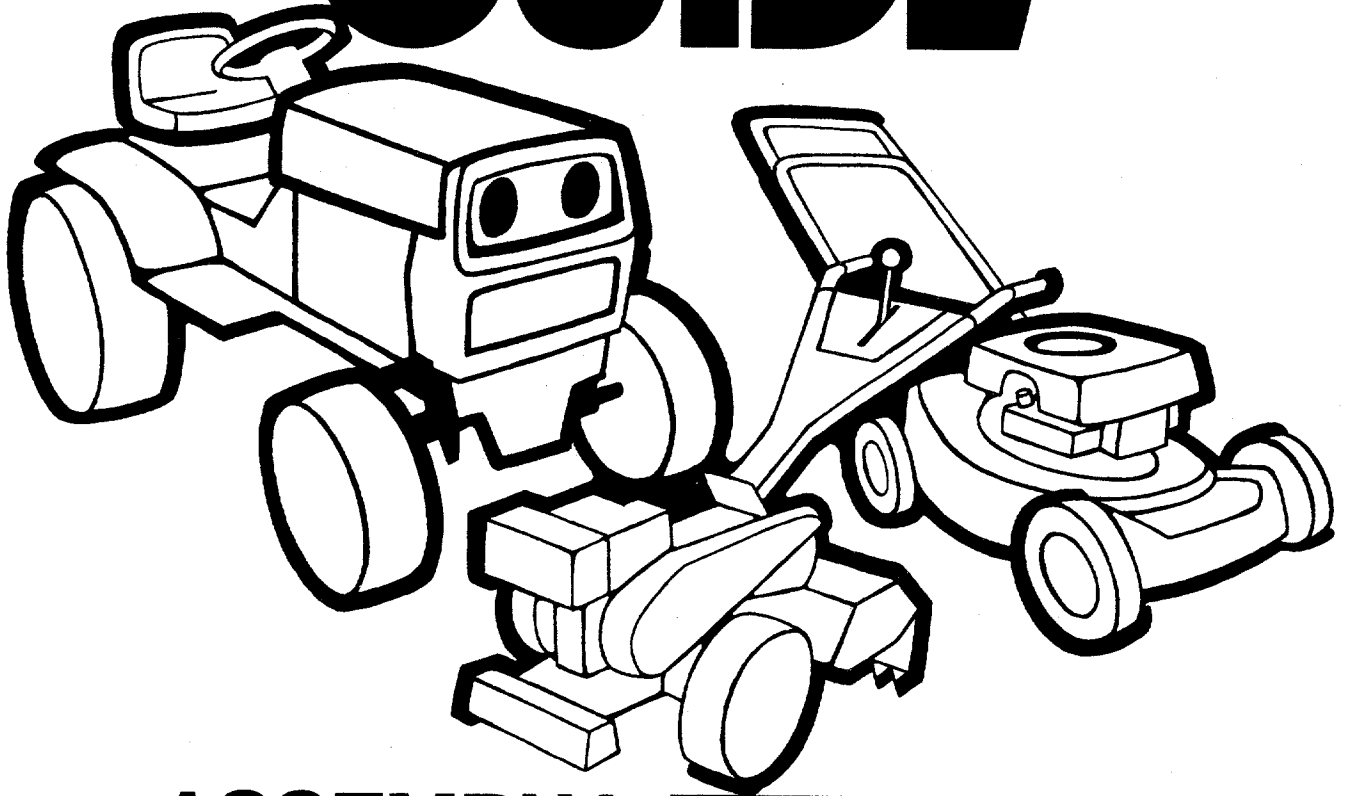


# OWNER'S GUIDE



**ASSEMBLY  
OPERATION  
MAINTENANCE  
PARTS LIST**

**IMPORTANT:  
Read Safety Rules  
and Instructions**

**MODEL NUMBER  
120-255A**

**20"  
SELF-  
PROPELLED  
ROTARY  
MOWER**

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## LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.



### TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California, before using on such land, the California law requires that a spark arrester be provided. In addition, spark arrester is required by law to be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.

# IMPORTANT

It is suggested that this manual be read in its entirety before attempting to assemble or operate. Keep this manual in a safe place for future reference and for ordering replacement parts.

This unit is shipped WITHOUT GASOLINE or OIL. See operating section of this manual for proper fuel and engine oil recommendations.

Your rotary mower is a precision piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times.

## SAFE OPERATION PRACTICES FOR WALK-BEHIND MOWERS

### TRAINING

1. Read the Operating and Service Owner's Manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
2. Never allow children to operate a power mower. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
3. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidentally thrown by the mower in any direction.

### PREPARATION

1. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones and other foreign objects which could be picked up and thrown by the mower in any direction.
2. Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.
3. Do not wear loose fitting clothing that could get caught on the mower.
4. Check the fuel before starting the engine. Do not fill the gasoline tank indoors, when the engine is running, or while the engine is still hot. Wipe off any spilled gasoline before starting the engine.
5. Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine.
6. Never attempt to make a wheel or cutting height adjustment while the engine is running.
7. Mow only in daylight or in good artificial light.
8. Never operate the equipment in wet grass. Always be sure of your footing. Keep a firm hold on the handle and walk, never run.

### OPERATION

1. Do not change the engine governor settings or overspeed the engine. Excessive engine speeds are dangerous.
2. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times.
3. Stop the blade(s) when crossing gravel drives, walks or roads.
4. After striking a foreign object, stop the engine, remove the wire from the spark plug,

and thoroughly inspect the mower for any damage. Repair the damage before restarting and operating the mower.

5. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
6. Stop the engine whenever you leave the mower, before cleaning the mower housing, and when making any repairs or inspections.
7. When cleaning, repairing or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
8. Before attempting to unclog the mower or discharge chute, stop the engine and be sure the blade(s) have stopped completely. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
9. Do not run the engine indoors.
10. Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging chute.
11. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
12. Always disconnect electric mowers (line operated) before cleaning, repairing or adjusting.
13. Never operate mower without proper guards, plates or other safety protective devices in place.
14. Keep washout ports and other mower-housing service openings closed when mowing.

### MAINTENANCE AND STORAGE

1. Check the blade and engine mounting bolts at frequent intervals for proper tightness.
2. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
3. Never store the equipment with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
4. To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.
5. Check the grass catcher bag frequently for wear or deterioration. For safety protection replace only with new bag meeting original equipment specifications.

# ASSEMBLY INSTRUCTIONS

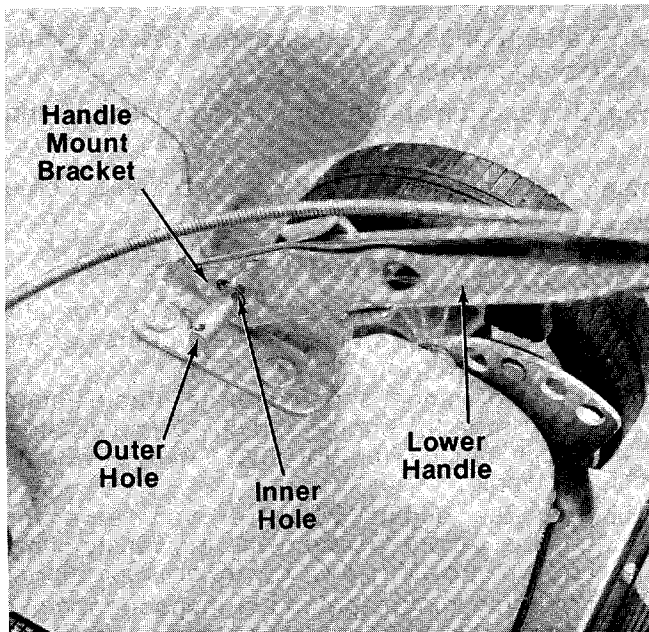


FIGURE 1.

1. Remove the lawn mower, loose parts, hardware pack and literature from the carton. Make certain all parts and literature have been removed before the carton is discarded.
2. Extend throttle control which is attached to the engine at the rear of the mower and place on the floor. Be careful not to bend or kink control wire.
3. Fasten lower handle in position over weld pins in handle mount brackets on deck. Secure with hairpin cotters in inner hole on weld pin. See figure 1.

**NOTE**

There are two (2) holes in the handle mount brackets. Place the lower handle against the brackets and secure with hairpin cotter in the inner hole. Inner hole is for operation. Outer hole is for storage.

**NOTE**

It may be necessary to spread the ends of the lower handle. This will insure a tight fit when assembled into handle mount brackets.

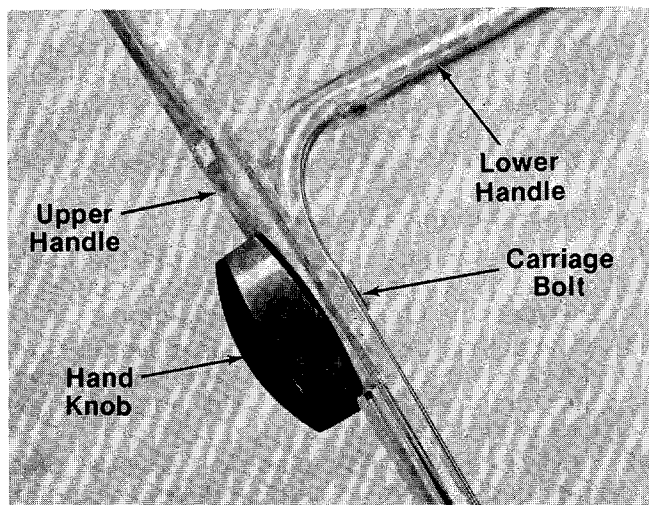


FIGURE 2.

4. Assemble upper handle with the clutch control attached to lower handle. Secure with two carriage bolts and handle knobs as shown in figure 2. The knobs may be assembled either to the inside or the outside of the handle.

**NOTE**

There are two height positions for the handle. See adjustment section.

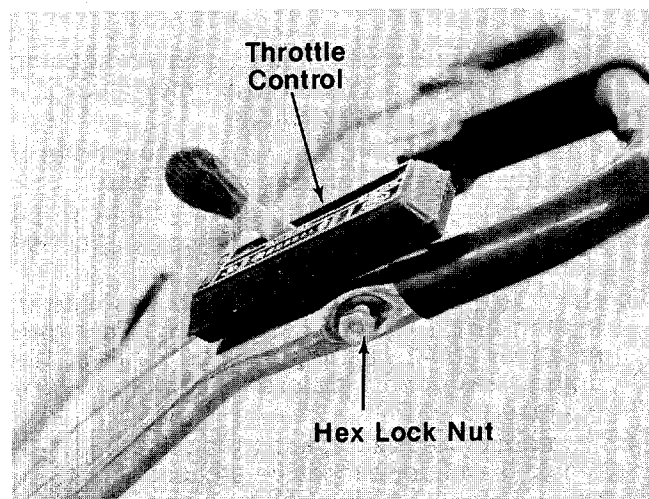
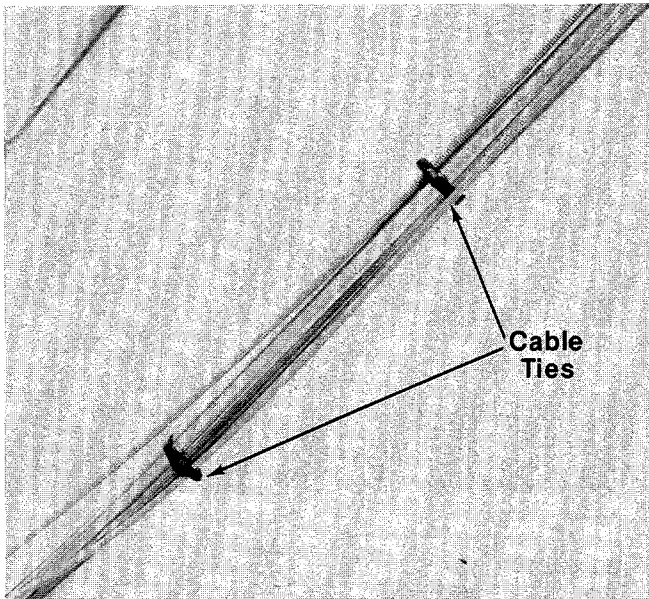


FIGURE 3.

5. Place the throttle control in position on left side of upper handle. Secure with hex bolt and lock nut. See figure 3.

**NOTE**

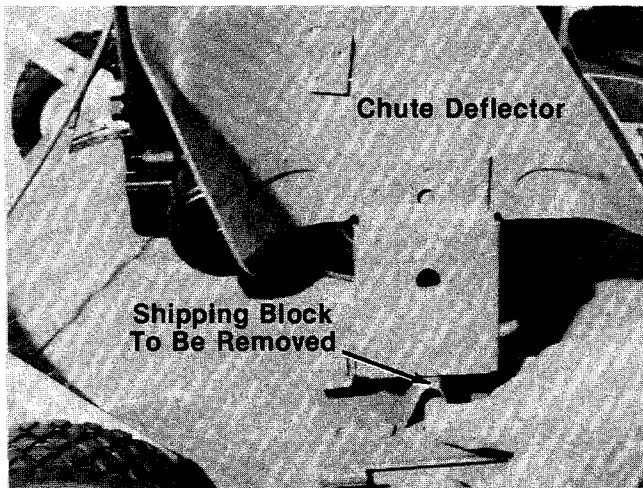
Reference to right or left hand side of the mower is observed from the operating position.



**FIGURE 4.**

6. Use the cable ties to fasten the throttle control cable and clutch cable to the handle. See figure 4.

7. Check ALL nuts and bolts for correct tightness.



**FIGURE 5.**



Please note that the chute deflector on your mower is in an upright position. It is held in that position by a shipping block. This block is used for shipping purposes only. It must be removed and discarded before your mower is put into operation. See figure 5.

# CONTROLS

## THROTTLE CONTROL

The throttle control is located on the left side of the handle. It is used to regulate the engine speed and to stop the engine. See figure 6.

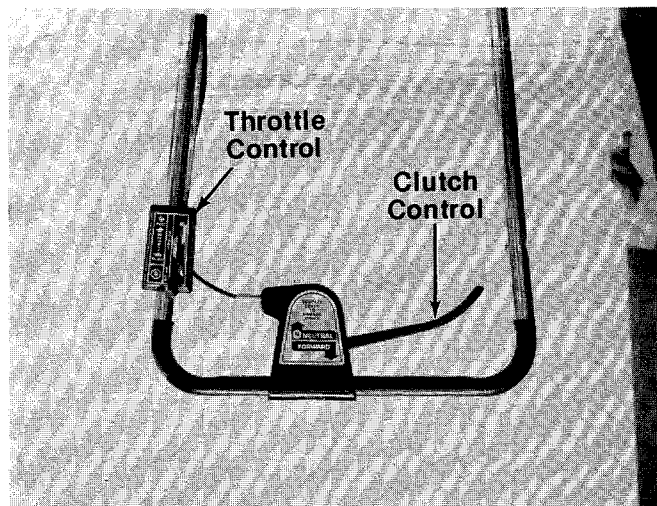


FIGURE 6.

## CLUTCH CONTROL

Squeezing the clutch control engages the drive mechanism to the front wheels. Releasing the clutch control stops the front wheels from driving. Release the clutch control to slow down when negotiating an obstacle, making a turn or stopping. See figures 6, 7 and 8.

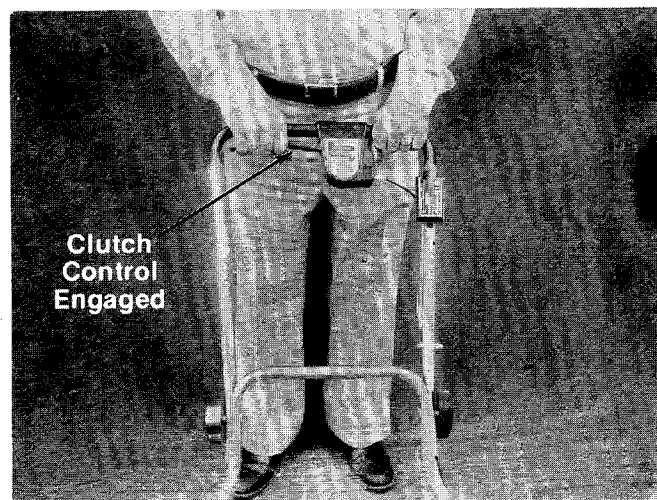


FIGURE 7.

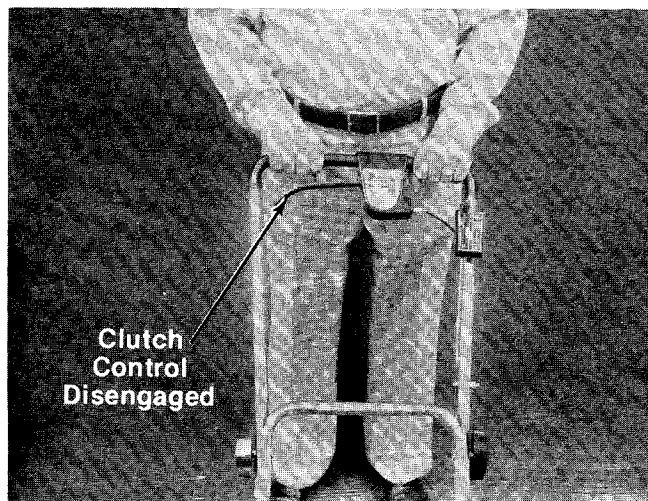


FIGURE 8.



**WARNING**

The blade continues to rotate when the clutch is released.

## OPERATION

**CAUTION**  
**DO NOT OPERATE MOWER UNLESS GUARD OR ENTIRE GRASS CATCHER IS IN ITS PROPER PLACE.**



FIGURE 9.

Keep hands and feet away from the chute area on cutting deck. See figure 9.

**NOTE**

For shipping purposes your mower is set with the wheels in a low cutting height position. For best results raise the cutting position until it is determined which height is best for your lawn. See adjustment section.

**BEFORE STARTING**

1. Before initial operation of the unit, lubricate all the bronze bearings on the drive shaft. The same oil which is used for the engine may be used for this. Following this procedure will lengthen the service life of the unit.

2. Before each use, check for proper clutch operation by performing the following before starting the engine:

With the clutch control released, push mower forward. It should move freely.

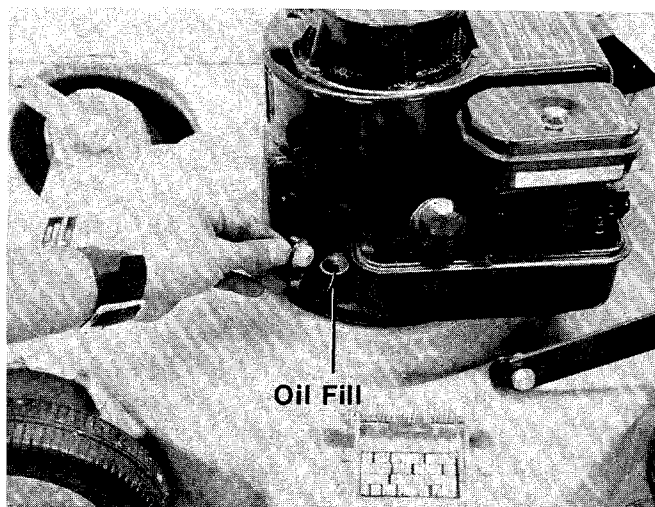
Pull mower backward. It should move freely.

If it does not and the front wheels tend to lock up, the clutch may not be releasing completely. Do not attempt to start the engine until corrections have been made. Check the control cable for severe bend, kinks and binding, and grass build up in the belt system. Be certain the cable housing is secure in the socket on the belt cover.

Correct and adjust as required. See adjustment section. Test again.

3. Check to see that the handle is in the operating detent in the brackets on the deck, and the upstop projections restrict the handle from moving up and forward. If necessary, remove the left side from the mounting pin on the deck bracket. Push outward to increase the spacing between the two sides of the handle until it is slightly more than the spacing of the deck brackets. Reinstall over the mounting pin and secure the hair cotter pin in the inner holes.
4. Fill sump with oil, using a high quality detergent oil classified "For Service SC, SD, SE or MS." Use viscosity grade SAE 30, SAE 10W-30 or SAE 10W-40 oil. Nothing should be added to the recommended oil.

Place engine level. Remove oil fill plug. See figure 10. Fill to point of overflowing. Pour slowly. Capacity 1¼ pints.

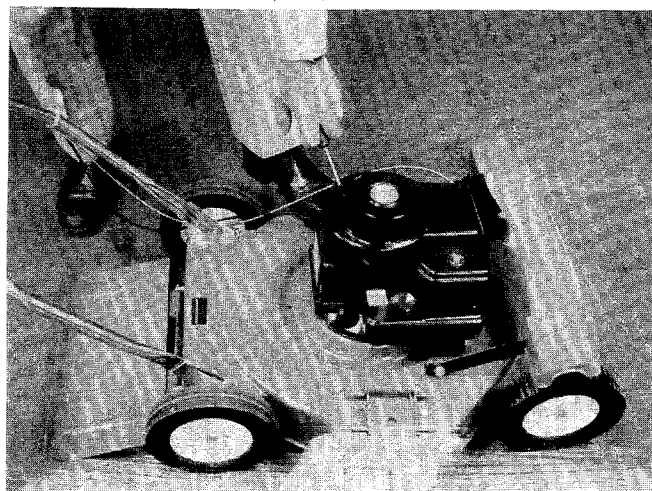


**FIGURE 10.**

5. Fill fuel tank, using clean, fresh, lead-free or leaded "regular" grade automotive gasoline. Fill tank completely!  
**DO NOT MIX OIL WITH GASOLINE.**

**TO START ENGINE**

1. Move throttle control lever to "START" position.
2. Place foot on the left side of the deck and hold handle to prevent tipping the unit. Grasp starter handle as shown in figure 11 and pull out rapidly. Return it slowly to the engine. Repeat if necessary.
3. After engine starts, move throttle control lever to desired speed.



**FIGURE 11.**

**TO STOP ENGINE**

1. Move throttle control lever to "STOP" position.

2. Remove spark plug wire from spark plug and ground to prevent accidental starting while equipment is unattended.

Be sure that lawn is clear of stones, sticks, wire, or other objects which could damage lawn mower or engine. For best results and to insure more even grass distribution, do not mow when lawn is excessively wet.

**➔ IMPORTANT**

After striking a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

## ADJUSTMENTS

**⚠ CAUTION**

Do not at any time make any adjustment to lawn mower without first stopping engine and disconnecting spark plug wire.

**Cutting Height**—Adjustment may be made by removing and moving wheel studs to desired position. Cutting heights will be raised as wheel studs are moved to a lower hole, and lowered as wheel studs are moved to a higher hole in the deck. All wheel studs must be mounted in a relative position to the deck.

To adjust the wheel height, proceed as follows.

1. Using an adjustable wrench, remove the axle bolt, wheel and belleville washer. See figures 12 and 13.

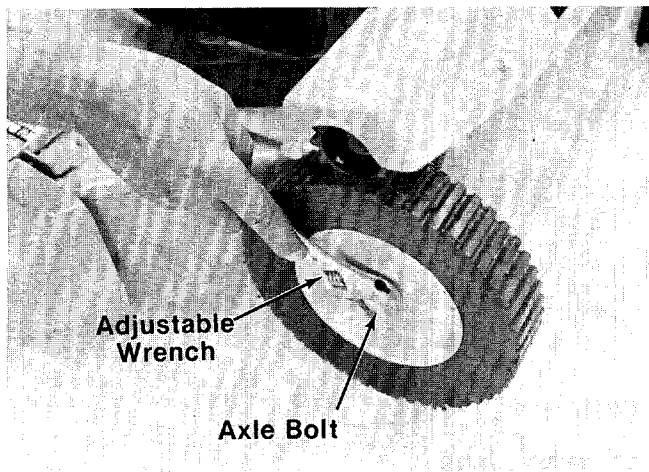


FIGURE 12.

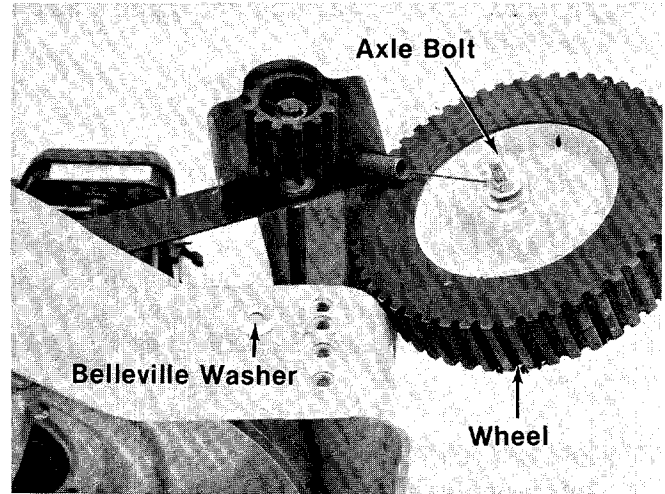


FIGURE 13.

2. Reassemble in selected hole. Cupped side of belleville washer must be towards the deck. Tighten securely.

### CLUTCH CONTROL ADJUSTMENT

1. To increase belt tension, loosen jam nut and back off two or three threads. Thread the barrel nut on end of control cable outward two or three threads. Retighten jam nut. See figure 14.
2. To decrease belt tension, loosen jam nut and back off two or three threads. Thread the barrel nut on end of control cable inward two or three threads. Retighten jam nut. See figure 14.

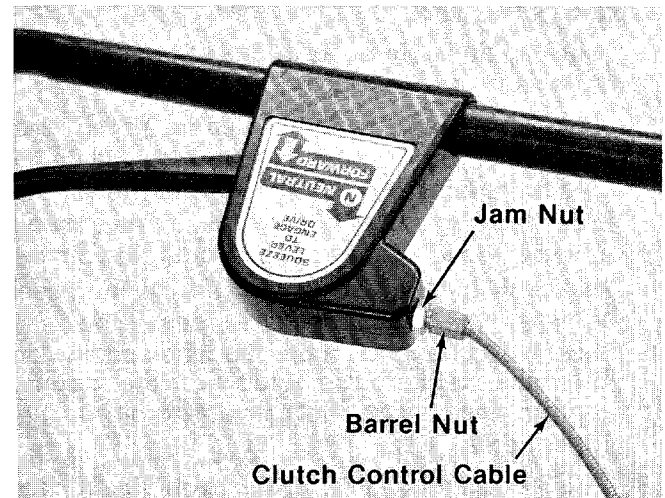


FIGURE 14.

### THROTTLE

If adjustment becomes necessary, the throttle control wire assembly can be reset as follows:

1. Loosen, but do not remove, the screw securing throttle control wire assembly at engine.



2. Move throttle control lever on handle to "FAST" position.
3. Move lever, to which control wire is fastened at engine, to full open position. Retighten screw to secure throttle control wire assembly.



If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

### CARBURETOR ADJUSTMENTS (See figure 15)

Minor carburetor adjustments may be required to compensate for differences in fuel, temperature, altitude and load.

All carburetor adjustments should be made with the air cleaner on engine. Air cleaner mounting screw must be in carburetor when engine is run. Best adjustment is made with a fuel tank half full of gasoline.

To Adjust Carburetor:

1. Start engine and run long enough to warm it to operating temperature.  
If engine is out of adjustment so that it will not start, close the needle valve by turning it clockwise. Then open needle valve 1-1/2 turns counterclockwise.
2. Move engine control to run engine at normal operating speed.
  - a. Turn needle valve in clockwise until engine starts to lose speed (lean mixture).
  - b. Then slowly turn needle valve out counterclockwise past the point of smoothest operation until engine just begins to run unevenly (rich mixture).
  - c. Turn needle valve back in clockwise very slowly till engine runs evenly.
  - d. Final adjustment of the needle valve should be slightly to the rich side (turn counterclockwise) of the mid-point.
3. Move engine control to SLOW. Turn idle adjusting screw until a fast idle is obtained (1750 R.P.M.).
4. To check adjustment, move engine control from SLOW to FAST speed. Engine should accelerate smoothly. If engine tends to stall or die out, increase idle speed or readjust carburetor, usually to a slightly richer mixture.

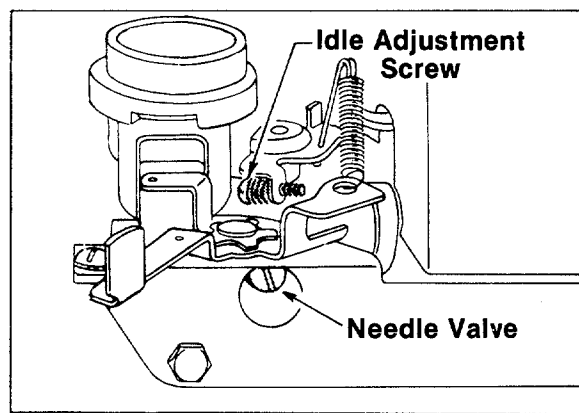


FIGURE 15.

## LUBRICATION



Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on lawn mower.

**Wheels**—Front and rear wheel bearings are self-lubricating Fortiflex. They require no lubrication.

**Bronze Bearings**—Periodically lubricate all bronze bearings with a few drops of light oil SAE No. 10 or 20 to minimize friction.

**Chute Deflector**—The torsion spring and pivot point should be lubricated periodically with light oil to prevent any rust or binding. Deflector must work freely.

**Throttle**—Periodically lubricate throttle control lever and throttle wire assembly with a few drops of light oil (SAE No. 10 or 20) for ease of operation.

**Engine**—See Engine Maintenance for lubrication instructions.

## MAINTENANCE

### CUTTING BLADE

The blade may easily be removed for grinding or replacement as follows:

1. Remove bolt and lock washer holding blade and blade adapter to engine crankshaft.
2. Remove blade and blade adapter from engine crankshaft.
3. Remove two bolts, lock washers and nuts holding blade to blade adapter (if necessary).

When sharpening blade, follow the original angle of grind as a guide. It is extremely important that each cutting edge receives an equal amount of grinding to prevent an unbalanced blade. An unbalanced blade will cause excessive vibration when rotating at high speeds and may cause damage to the mower.

To insure safe operation of your unit, ALL nuts and bolts must be checked periodically for correct tightness.

### DECK

The underside of mower deck should be cleaned after each period of use as grass clippings, leaves, dirt and other matter will accumulate. This accumulation of grass clippings, etc., is undesirable as it will invite rust and corrosion and may cause an uneven discharge of grass clippings at the next cutting.

Pay particular attention to the area of the belt cover baffle (see figure 16). Grass may accumulate in this area and must be cleaned out periodically to prevent possible problems with the drive system.

The deck may be cleaned by tilting the mower forward or on its side and scraping clean with a suitable tool or by washing with a stream of water from a garden hose.



### CAUTION

Do not direct the stream of water at a hot engine as damage to the engine may result.

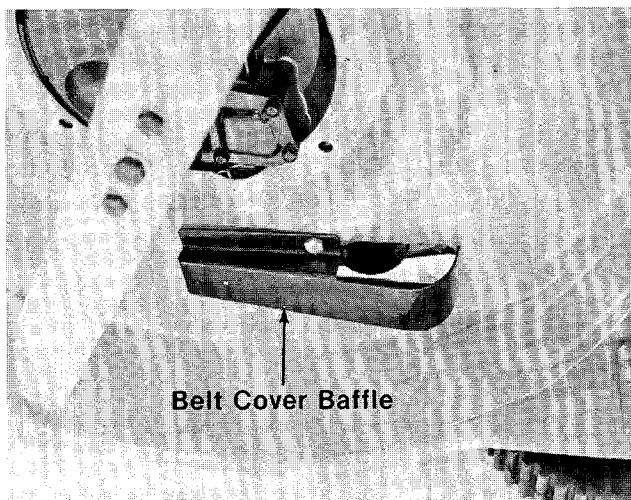


FIGURE 16.

### ENGINE OIL

**CHECK OIL LEVEL** before starting engine and after every 5 hours of operation.

ADD oil as necessary to keep level FULL to point of overflowing.

Before removing oil fill plug, clean area around plug to prevent dirt from entering oil fill hole.

Engine should be in a level position when checking oil.

**CHANGE OIL** after first 5 hours of operation. Thereafter change every 25 hours. Change oil while engine is warm. Oil may be drained thru drain on bottom of engine. To drain completely, always place engine level when draining thru the bottom. Oil capacity 1-1/4 pints. See figure 17.

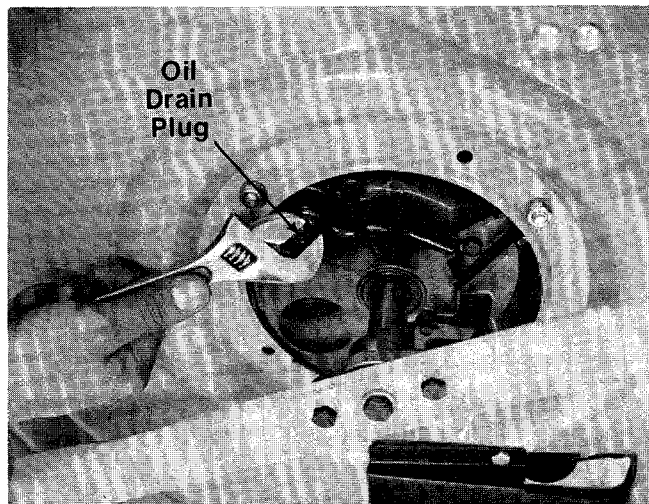


FIGURE 17.

### AIR CLEANER

**CLEAN AIR CLEANER** and re-oil element every 25 hours under normal conditions. Clean every few hours under extremely dusty conditions. Poor engine performance and flooding usually indicates that the air cleaner should be serviced. See figure 18.

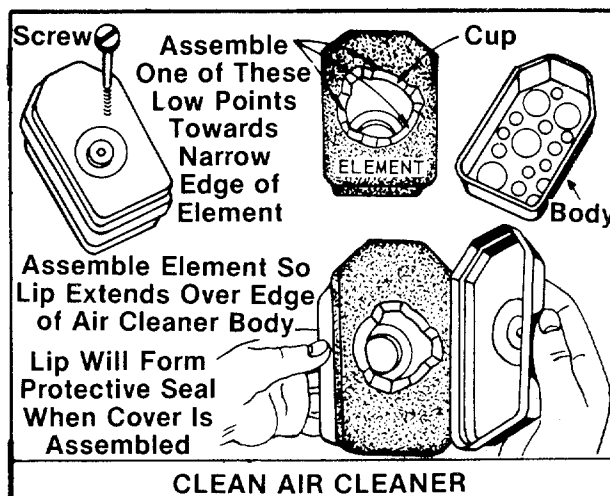


FIGURE 18.

1. Remove screw.
2. Remove air cleaner carefully to prevent dirt from entering carburetor.
3. Take air cleaner apart and clean.
  - a. WASH foam element in kerosene or a liquid detergent and water to remove dirt.

- b. DRY foam completely by wrapping and squeezing in a cloth.
  - c. SOAK foam with engine oil. Squeeze to distribute and remove excess oil.
4. Reassemble parts and fasten to carburetor.

### SPARK PLUG

The spark plug gap should be cleaned (see figure 19) and reset to a 0.030-inch clearance once a season (see figure 20). Spark plug replacement is recommended at the start of each mowing season; check engine parts list for correct plug type.

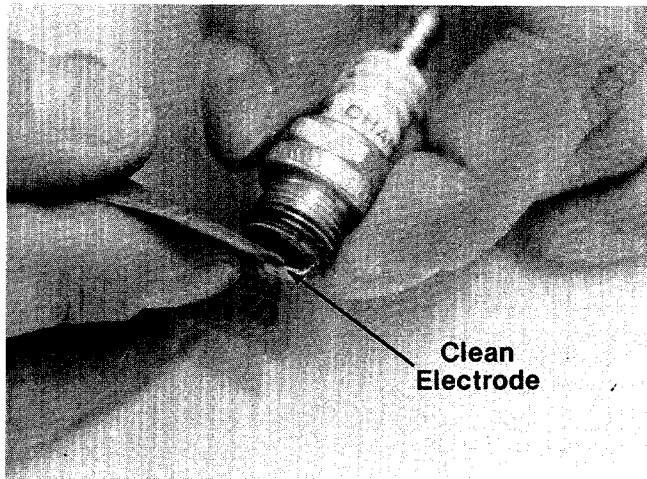


FIGURE 19.

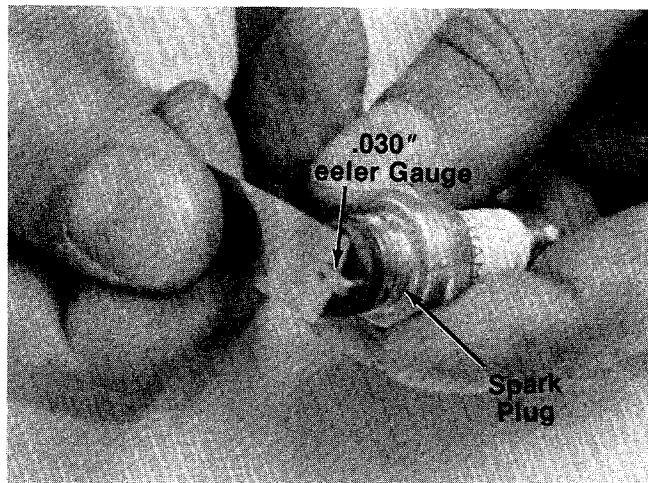


FIGURE 20.

### NOTE

Whenever the spark plug is removed for cleaning, it is advisable to replace the spark plug gasket with a new gasket.

To insure safe operation of your unit, all nuts and bolts must be checked periodically for correct tightness.

### BELT REPLACEMENT

#### IMPORTANT

Always stop engine and disconnect spark plug wire before performing any repairs or maintenance on the mower.

1. Remove the drive pinion cover by removing three hex self-tapping screws. A 3/8" wrench is required. See figure 21.



FIGURE 21.

2. Remove both front wheels by removing the axle bolts. An adjustable wrench is required. See figure 22.
3. Unhook the tension spring at each front wheel from the cover support bracket and belt cover. See figure 22.

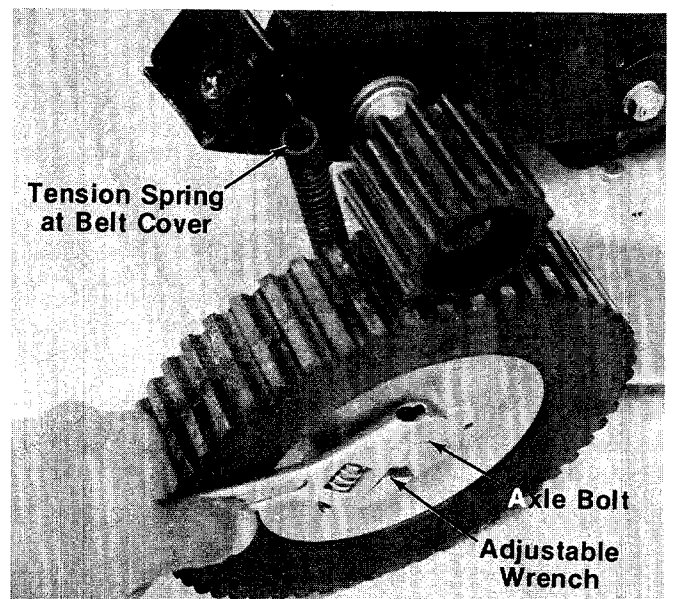


FIGURE 22.

4. Tip the unit so that you can work on both the top and bottom of the deck. Be sure the fuel tank is empty, or place a piece of plastic film under the cap to prevent leakage.
5. Remove the three hex bolts, lock washers and hex nuts from the belt cover baffle. A 7/16" wrench is required. See figure 23.

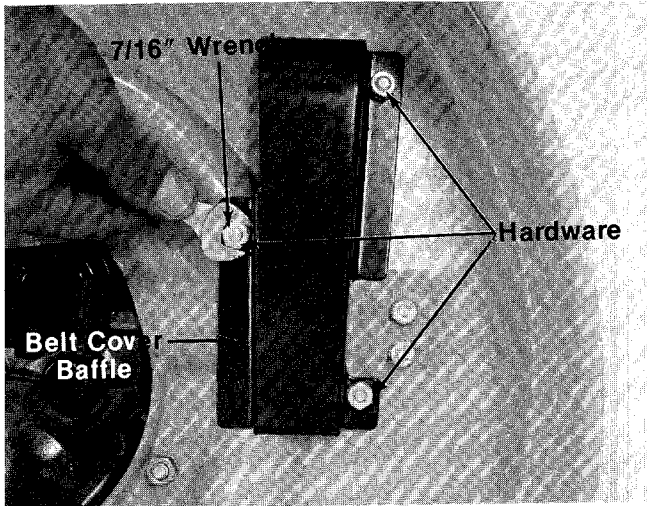


FIGURE 23.

6. Remove the shoulder bolt, lock washer and hex nut from the belt cover. A 9/16" wrench is required. See figure 24.

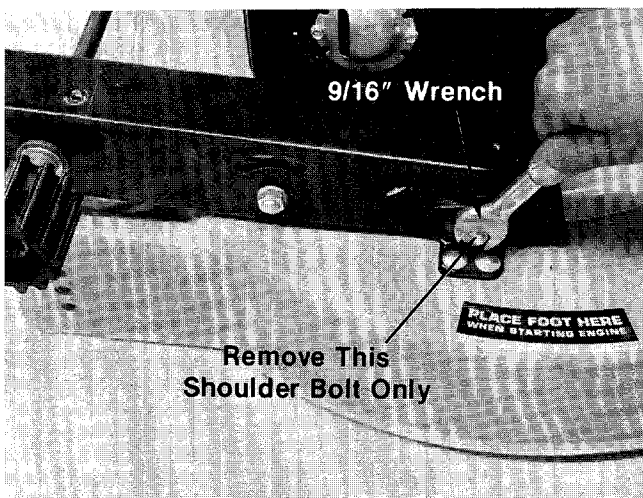


FIGURE 24.

7. Slide the belt cover to the left. Unhook the clutch cable from the idler bracket. Lift the belt cover off.
8. Remove the belt from the engine pulley, idler pulley and drive shaft. Slip belt up over belt cover and forward to remove from mower. See figure 25.

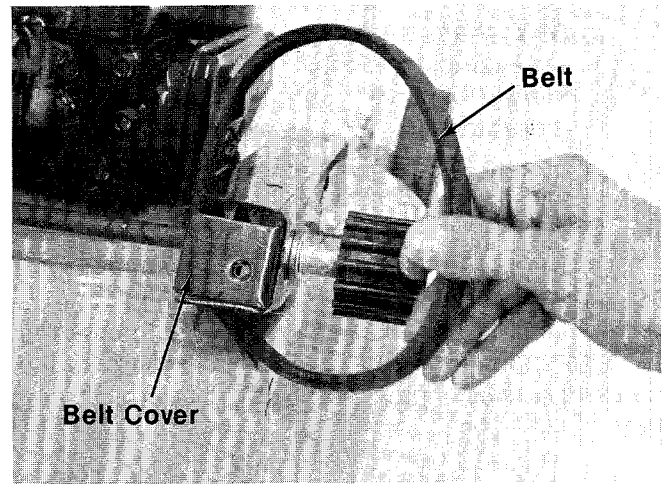


FIGURE 25.

9. Reassemble in reverse order with new belt.
10. Remove plastic film from gas tank cap.

## USING YOUR ROTARY MOWER

For the best results do not cut wet grass because it tends to stick to the underside of the mower, thus preventing proper discharge of grass clippings. If wet grass must be cut, reduce walking speed to help distribute the clippings more effectively.

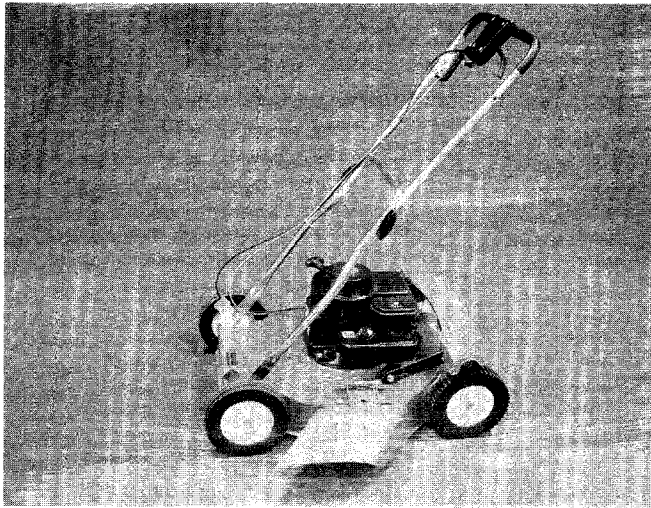
New grass should be treated as wet grass, otherwise a normal walking speed is about the right pace for efficient mowing.

The best mowing pattern is one that allows the clippings to discharge towards the uncut part of the lawn. This permits recutting of the clippings to further pulverize them. When cutting high weeds, discharge towards cut portion, then recut at right angles to first direction.

Lawn should be cut in the fall as long as there is growth.

## HANDLE STORAGE

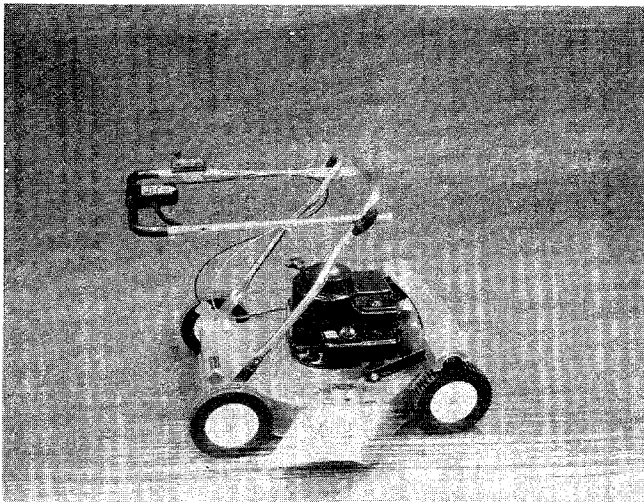
The handle can be stored in an upright position to take less space. See figure 27. Move hairpin cotter to outer hole on weld pins (see figure 1). Grasp the lower handle at the bottom and press inward. Tip the handle forward. It will lock in this position. Reverse this procedure to place the handle in the operating position. See figure 27.



**FIGURE 27.**

The handle on this model may also be folded away completely for storage. See figures 27, 28 and 29.

1. Remove hairpin cotters from inner hole on weld pins on handle mount brackets. Place in outer hole.
2. Loosen the two hand knobs on each side of the handle.
3. Pull inward on the bottom of each side of the lower handle, and push forward.
4. Fold the upper handle back and down, as shown.

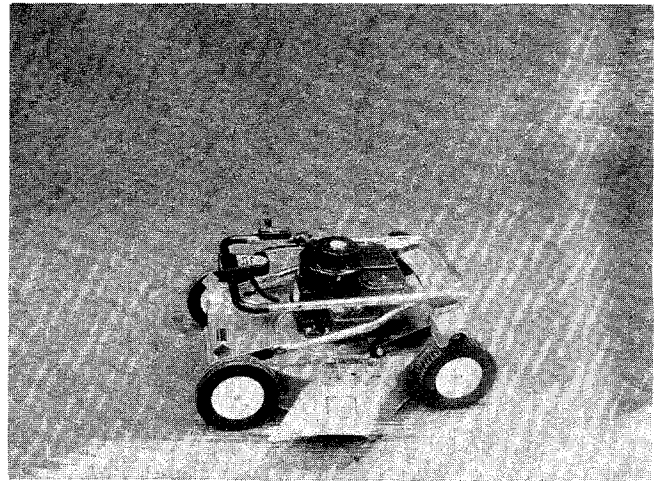


**FIGURE 28.**

To take the handle out of storage position, proceed as follows.

1. Lift the upper handle up and towards the rear as shown.
2. Pull the handle back until it locks into the operator's position.

3. Tighten the two hand knobs securely.
4. Move the hairpin cotters to the inner hole on the weld pins.



**FIGURE 29.**

## OFF-SEASON STORAGE

If the machine is to be inoperative for a period longer than 30 days, the following procedures are recommended:

1. Working outdoors, drain all fuel from the fuel tank. Use a clean dry cloth to absorb the small amount of fuel remaining in the tank. Then run the engine until all fuel in the carburetor is exhausted.



Do not drain fuel while smoking, or if near an open fire.

2. Drain all the oil from the crankcase (this should be done after the engine has been operated and is still warm). Refill the crankcase with clean new oil.
3. Disconnect the spark plug wire and remove the spark plug from the cylinder. Pour about 2 or 3 tablespoons of engine oil into the cylinder. Turn the engine over several times to spread out the oil. Replace the spark plug, but do not connect the wire.
4. Clean the engine and the entire mower thoroughly.
5. Lubricate all lubrication points.

 **NOTE**

The use of any accessory on this Rotary Mower other than those manufactured by the mower manufacturer is **not** recommended.

GRASS CATCHER Model No. 190-003A is available as optional equipment for the mower shown in this manual.



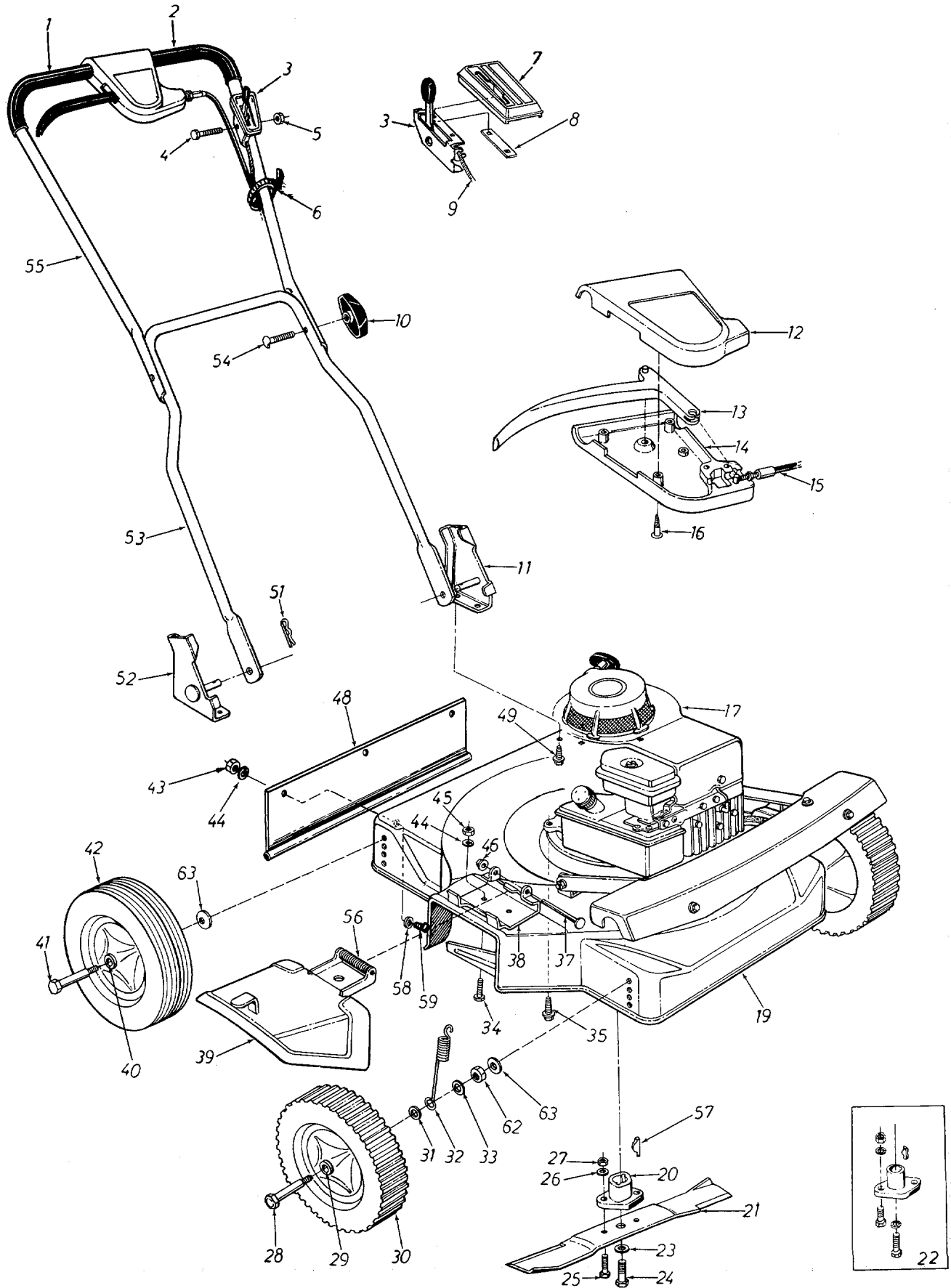
1. The mower should not be operated without the entire grass catcher or chute deflector in place.
2. The mower should not be operated without the protective shield on the rear of the deck in place.

 **NOTE**

Under normal usage bag material is subject to wear and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag No. 764-0176.

# 120-255A



**PARTS LIST FOR MODEL 120-255A**

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	718-0143		Grip—10" Lg.		33	736-0300		FI-Wash. .38 I.D. x .88 O.D.	
2	731-0323		Grip—9" Lg.		34	710-0289		Hex Bolt 1/4-20 x .50" Lg.*	
3	746-0241		Throttle Control Ass'y. Comp.		35	710-0654		Hex Wash. Hd. Self-Tap Scr. 3/8-16 x .88" Lg.	
4	710-0606		Hex Bolt 1/4-20 x 1.50" Lg.*		37	711-0555		Pivot Pin	
5	712-0107		Hex Cent L-Nut 1/4-20 Thd.		38	11130	—462	Adapter Plate	
6	726-0188		Plastic Cable Tie		39	11679	—462	Deflector Ass'y.	
7	731-0344		Plastic Label		40	741-0262		Fortiflex Bearing	
8	726-0134		Speed Nut #8-32 Twin Type		41	738-0213		Axle Bolt (Rear)	
9	746-0240		Conduit and Wire		42	734-0661		Wheel Ass'y. Comp.—Rear	
10	09966		Hand Knob		43	712-0287		Hex Nut 1/4-20 Thd.*	
11	12935		Handle Mount Brkt. Ass'y.		44	736-0329		L-Wash. 1/4" I.D.*	
12	731-0407		Front Control Cover		45	712-0107		Hex Cent. L-Nut 1/4-20 Thd.	
13	731-0406		Clutch Control Lever		46	726-0106		Push Nut 1/4" Rod	
14	731-0408		Rear Control Cover		47	710-0158		Hex Bolt 5/16-24 x 1.50" Lg.*	
15	746-0309		Clutch Control Cable		48	731-0446		Rear Flap Ass'y.	
16	710-0535		Slotted Oval Hd. Self-Tap Scr.		49	710-0603		Hex Wash. Hd. Self-Tap Scr. 5/16-18 x .50" Lg.	
17	—		Engine		51	714-0104		Internal Cotter Pin 5/16" Dia.	
19	13601	—462	Deck Ass'y. 20"		52	12936		Handle Mount Brkt. Ass'y.	
20	10769		Blade Adapter Kit		53	749-0373		Lower Handle	N
21	742-0123		20" Blade		54	710-0405		Curved Hd. Carriage Bolt	
22	10769		Blade Adapter Kit		55	749-0382		Upper Handle	N
23	736-0217		L-Wash. 3/8" I.D.*		56	732-0253		Torsion Spring	
24	710-0459		Hex Bolt 3/8-24 x 1.50" Lg.*		57	714-0365		#6 Hi-Pro Key 5/32" x 5/8" Dia.	
25	710-0117		Hex Bolt 5/16-24 x 1.00" Lg.*						
26	736-0119		L-Wash. 5/16" I.D.*		58	736-0211		FI-Wash. .285 I.D. x 1.25 O.D. x .060	
27	712-0123		Hex Nut 5/16-24 Thd.*						
29	738-0414		Axle Bolt (Front)		59	710-0286		Truss Mach. Bolt 1/4-20 x .50" Lg.*	
29	741-0262		Fortiflex Bearing						
30	734-0880		Wheel Ass'y. Comp.—Front		62	712-0266		Hex Cent. L-Nut 3/8-16 Thd.	
31	736-0100		FI-Wash. .53 I.D. x 1.25 O.D.		63	736-0105		Belleville Wash.	
32	732-0353		Extension Spring						

(462-Red Flake)

\*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

When ordering parts, if color or finish is important use the appropriate color code shown above. (e.g. Red Flake Finish—13601 (462).)

The engine is not under warranty by the mower manufacturer. If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines — Gasoline."

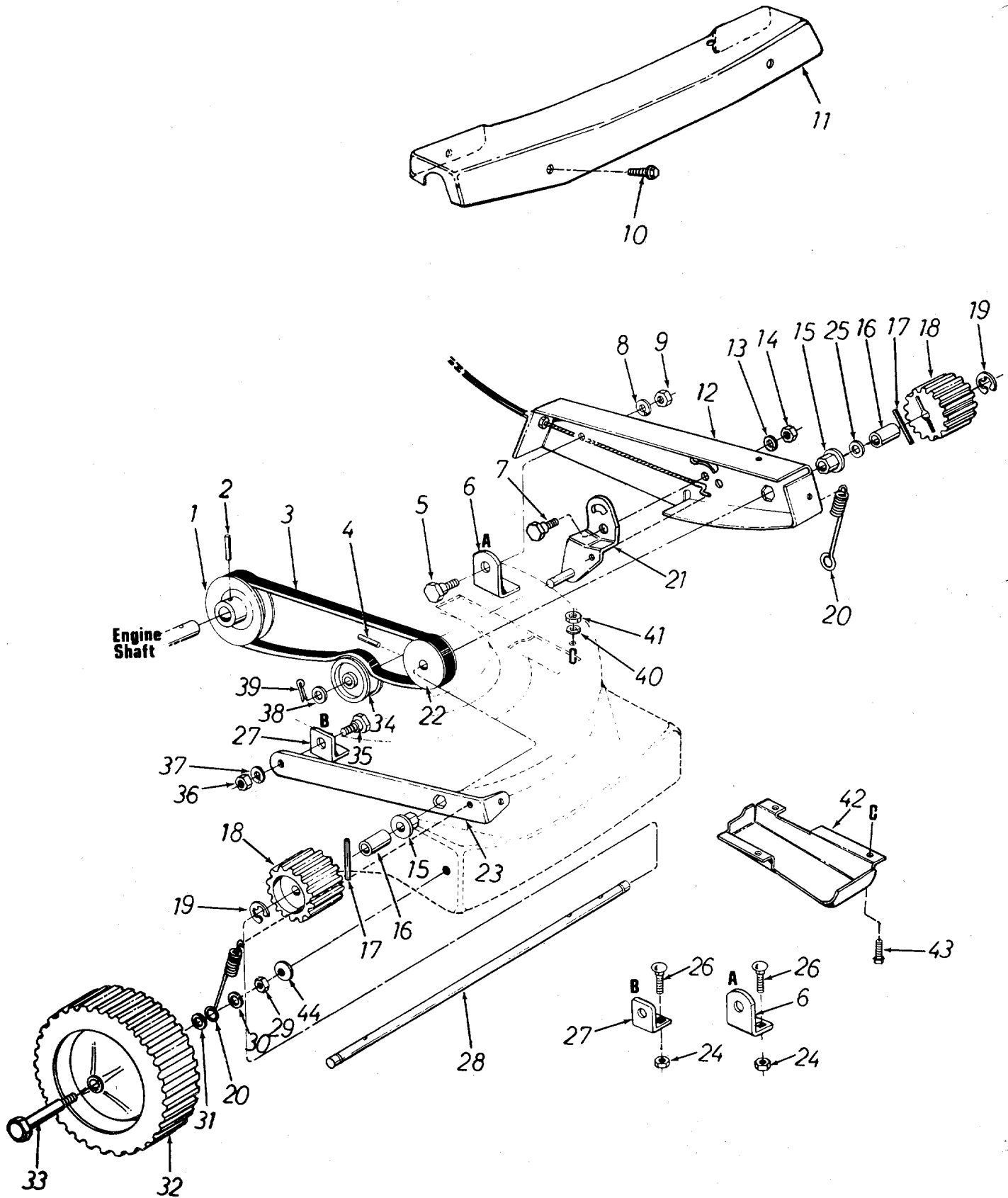
**Find It Fast  
In The  
Yellow Pages**



This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.



# 120-255A



**PARTS LIST FOR MODEL 120-255A**

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	756-0289		1/2" "V"-Engine Pulley 3" O.D.		23	12980		Cover Support Brkt.	
2	715-0246		Spring Pin Spiral 3/16" Dia. x 1.25" Lg.		24	712-0107		Hex Cent. L-Nut 1/4-20 Thd.	
3	754-0163		"V"-Belt 1/2" x 28" Lg.		25	736-0160		Fl-Wash. .531 I.D. x .930 O.D. x .050	
4	715-0247		Spring Pin Spiral 3/16" Dia. x 1.00" Lg.		26	710-0167		Carriage Bolt 1/4-20 x .50" Lg.*	
5	738-0147		Shld. Bolt .500" Dia. x .170"		27	12979		Cover Support Pivot Brkt.	
6	12979 —462		Cover Support Pivot Brkt.		28	738-0356		Pinion Shaft	
7	738-0147		Shld. Bolt .500" Dia. x .170"		29	712-0266		Hex Cent. L-Nut 3/8-16 Thd.	
8	736-0169		L-Wash. 3/8" I.D.*		30	736-0300		Fl-Wash. 381.0 x .88 O.D.	
9	712-0342		Hex Jam Nut 3/8-16 Thd.*		31	736-0100		Fl-Wash. .53" I.D. x 1.25" O.D. x .030	
10	710-0599		Hex Wash. Hd. Self-Tap Scr. 1/4-20 x .50" Lg.		32	734-0880		Wheel Ass'y. Comp. (Front)	
11	12982 —462		Drive Cover		33	738-0129		Axle Bolt (Front)	
12	13613 —462		Belt Cover		34	756-0192		Flat Idler	
13	736-0169		L-Wash. 3/8" I.D.*		35	738-0147		Shld. Bolt .500" Dia. x .170"	
14	712-0342		Hex Jam Nut 3/8-16 Thd.*		36	712-0342		Hex Jam Nut 3/8-16 Thd.*	
15	748-0228		Hex Flange Brg. .505" I.D.		37	736-0169		L-Wash. 3/8" I.D.*	
16	748-0125		Sleeve Brg. .503" I.D.		38	736-0150		Fl-Wash. .53" I.D. x .93" O.D. x .050	
17	715-0246		Spring Pin Spiral 3/16" Dia. x 1.25" Lg.		39	714-0115		Cotter Pin 1/8" Dia. x 1.00" Lg.*	
18	731-0393		Drive Pinion 13 Teeth		40	736-0329		L-Wash. 1/4" I.D.*	
19	716-0104		"E"-Ring .500" Dia. Shaft		41	712-0287		Hex Nut 1/4-20 Thd.*	
20	732-0353		Extension Spring .57" O.D. x 4.50" Lg.		42	13610 —462		Belt Cover Baffle	
21	13608		Idler Brkt. Ass'y.		43	710-0289		Hex Bolt 1/4-20 x .50" Lg.*	
22	756-0290		1/2" "V"-Pulley .50" I.D. x 2.00" O.D.		44	736-0105		Belleville Wash.	

(462-Red Flake)

\*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

When ordering parts, if color or finish is important use the appropriate color code shown above. (e.g. Red Flake Finish—13601 (462).)

The engine is not under warranty by the mower manufacturer. If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines — Gasoline."



# PARTS INFORMATION

## POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all MTD manufactured power equipment are available through the authorized service firms listed below. All orders should specify the model number of your unit, parts number, description of parts and the quantity of each part required.

<b>ALABAMA</b>	<b>BIRMINGHAM</b>	
Auto Electric & Carburetor Co. ....	2625 4th Ave. S. ....	35233
<b>ARKANSAS</b>	<b>FORT SMITH</b>	
Mity Mite Motors, Inc. ....	4515 South 16th Street	72901
	<b>NORTH LITTLE ROCK</b>	
Sutton's Lawn Mower Shop ....	Rt. 4 Box 368. ....	72117
<b>CALIFORNIA</b>	<b>PORTERVILLE</b>	
Billious ..... 75 North D Street		93257
	<b>SAN BERNARDINO</b>	
Lawn Mower Supply Co. ....	25608 E. Baseline	92410
	<b>SAN FRANCISCO</b>	
J.W. Jewett Co. ....	981 Folsom St. ....	94107
<b>COLORADO</b>	<b>DENVER</b>	
South Denver Lawn Equip. ....	527 West Evans	80223
<b>FLORIDA</b>	<b>JACKSONVILLE</b>	
Radco Distributors	2403 Market St. ....	32206
	<b>OPA LOCKA</b>	
Small Eng. Dist. ....	2351 N.W. 147th St. ....	33054
<b>GEORGIA</b>	<b>EAST POINT</b>	
East Point Cycle & Key. ....	2834 Church St. ....	30344
<b>ILLINOIS</b>	<b>LYONS</b>	
Keen Edge Co. ....	8615 Ogden Ave. ....	60534
<b>INDIANA</b>	<b>ELKHART</b>	
Parts & Sales Inc. ....	2101 Industrial Pkwy. ....	46514
<b>IOWA</b>	<b>DUBUQUE</b>	
Power Lawn & Garden Equip. ....	2551 J.F. Kennedy. ....	52001
<b>LOUISIANA</b>	<b>NEW ORLEANS</b>	
Suhren Engine Co. ....	8330 Earhart Blvd. ....	70118
<b>MARYLAND</b>	<b>TAKOMA PARK</b>	
Center Supply Co. ....	6867 New Hampshire Ave. ....	20012
<b>MASSACHUSETTS</b>	<b>SPRINGFIELD</b>	
Morton B. Collins Co. ....	300 Birnie Ave. ....	01107
<b>MICHIGAN</b>	<b>LANSING</b>	
Lorenz Service Co. ....	2500 S. Pennsylvania	48910
	<b>MOUNT CLEMENS</b>	
Power Equipment Dist. ....	36463 South Gratiot	48043
<b>MINNESOTA</b>	<b>HOPKINS</b>	
Hance Distributing Inc. ....	420 Excelsior Ave. W. ....	55343
	<b>ST. PAUL</b>	
Power Tools Inc. ....	3771 Sibley Memorial Hwy. ....	55122
<b>MISSISSIPPI</b>	<b>BILOXI</b>	
Biloxi Sales & Service, Inc. ....	506 Caillavet St. ....	39533
<b>MISSOURI</b>	<b>KANSAS CITY</b>	
Automotive Equip. Service ....	3117 Holmes St. ....	64109
	<b>ST. JOSEPH</b>	
Ross-Frazier Supply Co. ....	8th and Monteray	64503
	<b>ST. LOUIS</b>	
Henzler, Inc. ....	2015 Lemay Ferry Rd. ....	63125
<b>NEW JERSEY</b>	<b>BELLMAWR</b>	
Lawnmower Parts Inc. ....	717 Creek Rd. ....	08030
	<b>RUTHERFORD</b>	
Feld Distributor	28 Glen Rd. ....	07070
<b>NEW YORK</b>	<b>CARTHAGE</b>	
Gamble Dist., Inc. ....	West End Ave. ....	13619

## BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check yellow pages of your telephone directory under the list: **Engines—Gasoline, Briggs & Stratton or Tecumseh Lauson.**

	<b>SYRACUSE</b>	
GTP Leisure Products Inc. ....	420 Marcellus St. ....	13204
<b>NORTH CAROLINA</b>	<b>GOLDSBORO</b>	
Smith Hardware Co. ....	515 N. George St. ....	27530
	<b>GREENSBORO</b>	
Dixie Sales Company	327 Battleground Ave. ....	27402
<b>OHIO</b>	<b>CARROLL</b>	
Stebe's Mid-State Mower Supply ...	Box 366-71 High St. ...	43112
	<b>CLEVELAND</b>	
Bleckrie, Inc. ....	7900 Lorain Ave. ....	44102
	<b>WADSWORTH</b>	
National Central. ....	687 Seville Rd. ....	44281
	<b>YOUNGSTOWN</b>	
Burton Supply Co. ....	1301 Logan Ave. Box 929	44501
<b>OKLAHOMA</b>	<b>ADA</b>	
Ada Auto Supply	301 E. 12th St. ....	74820
	<b>MUSKOGEE</b>	
Victory Motors, Inc. ....	605 S. Cherokee. ....	74401
	<b>OKLAHOMA CITY</b>	
Forest Sales Inc. ....	1039 NW 63rd St. ....	73116
<b>OREGON</b>	<b>PORTLAND</b>	
Kenton Supply Co. ....	8216 N. Denver Ave. ...	97217
<b>PENNSYLVANIA</b>	<b>CHESTER</b>	
Stull Equipment Corp. ....	742 W. Front St. ....	19013
	<b>HARRISBURG</b>	
EECO Inc. ....	4021 N. 6th St. ....	17110
	<b>PHILADELPHIA</b>	
Thompson Rubber Co. ....	5222-24 N. Fifth St. ...	19120
	<b>PITTSBURGH</b>	
Bluemont Co. ....	11125 Frankstown Rd. ....	15235
<b>TENNESSEE</b>	<b>KNOXVILLE</b>	
Master Repair Service. ....	2000 Western Ave. ....	37
	<b>MEMPHIS</b>	
Memphis Cycle & Supply Co. ....	421 Monroe Ave. ....	38103
American Sales & Service, Inc. ....	1922 Lynnbrook. ....	38116
<b>TEXAS</b>	<b>DALLAS</b>	
Marr Brothers, Inc. ....	423 E. Jefferson. ....	75203
	<b>FORT WORTH</b>	
Woodson Sales Corp. ....	1702 N. Sylvania	76111
	<b>HOUSTON</b>	
Bullard Supply Co. ....	2409 Commerce St. ....	77003
	<b>SAN ANTONIO</b>	
Catto & Putty, Inc. ....	414 Live Oak	78298
<b>UTAH</b>	<b>SALT LAKE CITY</b>	
A-1 Engine & Mower Co. ....	437 E. 9th St. ....	84111
<b>VERMONT</b>	<b>BURLINGTON</b>	
Vermont Hdwe. Co. Inc. ....	180 Flynn Ave. ....	05401
<b>VIRGINIA</b>	<b>RICHMOND</b>	
RBI Corp. ....	963 Myers St. ....	23260
<b>WASHINGTON</b>	<b>SEATTLE</b>	
Bailey's Inc. ....	1414 14th Ave. ....	98102
<b>WEST VIRGINIA</b>	<b>CHARLESTON</b>	
Young's, Inc. ....	233 Virginia St., E. ....	25301
<b>WISCONSIN</b>	<b>APPLETON</b>	
Automotive Supply Co. ....	123 S. Linwood Ave. ...	54911

## WARRANTY PARTS AND SERVICE POLICY

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

### CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES

1. Replacement of Missing Parts on new equipment.
2. Replacement of Defective Parts within the warranty period.
3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

1. Model Number of unit involved.
2. Date unit was purchased or first put into service.
3. Date of failure.
4. Nature of failure.